

# Converting Colors

YUV(233.9450, 6.9291, 17.5882)

Have a look what the booklet for  
YUV(233.9450, 6.9291, 17.5882)  
contains.

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# Color

**YUV(233.9450, 6.9291,  
17.5882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEDDF8
RGB	254, 221, 248
RGB Percent	100%, 87%, 97%
CMY	0.0039, 0.1333, 0.0275
CMYK	0.00, 0.13, 0.02, 0.00
HSL	311°, 94%, 93%
HSV	311°, 13%, 100%
XYZ	83.6728, 79.5610, 99.7537
YIQ	233.9450, 11.0010, 15.3930

# Conversions

## Conversions Part 2

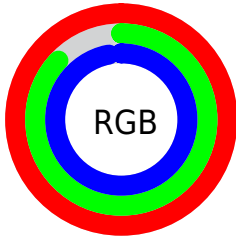
Format	Color
R <sub>Y</sub> B	254, 221, 248
Decimal	16702968
CIE Lab	91.49, 15.89, -8.92
CIE LCh	91, 18.227, 330.689
Yxy	79.5610, 0.3182, 0.3025
Android (android.graphics.Color)	4294893048 (0xFFFE <sub>D</sub> DF8)
YUV	233.9450, 6.9291, 17.5882
Hunter-Lab	89.1970, 11.3503, -3.8692

# Details

The YUV color  $233.9450, 6.9291, 17.5882$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $241.0550, -6.9291, -17.5882$ , and the grayscale version is  $234.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $178.2330, 6.7871, 16.4587$  is the 20% darker color. If you saturate the color by 10%, you get  $218.7000, 11.9799, 30.9581$ , and if you desaturate by 10%, it is  $249.1900, 1.8783, 4.2184$ .

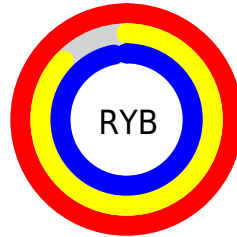
# Distribution



Red (100%)

Green (87%)

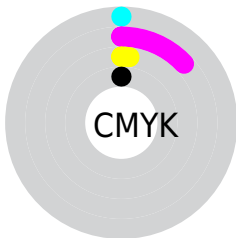
Blue (97%)



Red (100%)

Yellow (87%)

Blue (97%)

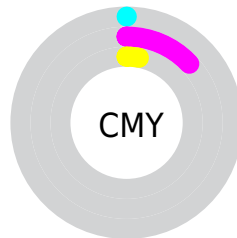


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.9450, 6.9291, 17.5882 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 233.9450, 6.9291, 17.5882 by changing the saturation by 10% instead.





 233.9450, 6.9291,  
17.5882

 233.9450, 6.9291,  
17.5882


255.0000, 0.0000,  
0.0000


 205.5320, 6.6397,  
17.0734

 178.2330, 6.7871,  
16.4587

 151.2330, 6.7871,  
16.4587

 125.4070, 6.2083,  
15.4291

 100.1080, 6.3558,  
14.8143

 76.2820, 5.7770,  
13.7847

 53.2820, 5.7770,

13.7847

■ 31.5700, 5.6350,  
12.6551

■ 10.6950, 6.0664,  
14.2995

■ 233.9450, 6.9291,  
17.5882

■ 233.9450, 6.9291,  
17.5882

■ 218.7000, 11.9799,  
30.9581

■ 249.1900, 1.8783,  
4.2184

■ 202.9820, 17.7569,  
44.7428

254.7010, 0.1474,  
-0.6148

■ 187.7370, 22.8077,  
58.1127

■ 172.0190, 28.5846,  
71.8973

■ 156.7740, 33.6354,  
85.2672

■ 141.5290, 38.6862,  
98.6371

■ 125.8110, 44.4632,  
112.4218

■ 110.5660, 49.5140,  
125.7916

■ 99.6580, 53.4126,  
135.3579

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9970, 11.3405, 2.6336



233.9450, 6.9291, 17.5882



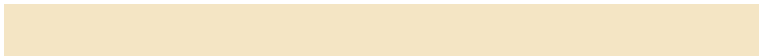
231.1320, -0.0651, 20.9322

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.9450, 6.9291, 17.5882



229.7230, -16.6254, 12.5209



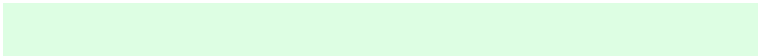
224.4670, 11.6018, -34.6126

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



233.9450, 6.9291, 17.5882



241.0550, -6.9291, -17.5882

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.4970, 2.7130, -30.2539



233.9450, 6.9291, 17.5882



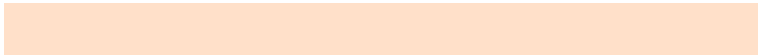
228.0200, -13.8139, -2.6485

# Square

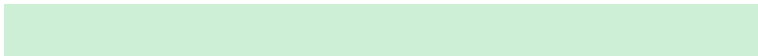
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.9450, 6.9291, 17.5882



230.6470, -14.6160, 21.3576



225.8700, -6.3449, -18.3030



225.8960, 14.3483, -28.8498



# Rectangle

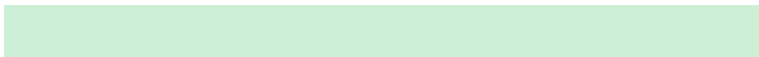
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.9450, 6.9291, 17.5882



229.7640, -5.3067, 22.1320



225.8700, -6.3449, -18.3030



224.6690, 8.5442, -33.9127

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



233.9450, 6.9291, 17.5882



248.9020, 2.0203, 5.3479



226.5560, 13.5299, 0.3894



123.6630, 1.1521, 3.8035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.9450, 6.9291, 17.5882



230.1350, 8.8074, 21.8066



232.1210, -0.0597, 19.1879



120.0270, 2.4517, 6.9923



74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469



# Inverse Universe

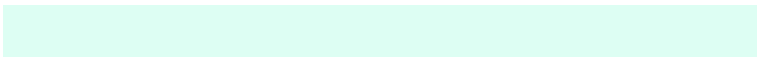
The Inverse Universe completely reimagines the original color for something new.



233.9450, 6.9291, 17.5882



230.1350, 8.8074, 21.8066



242.8790, 0.0597, -19.1879



120.0270, 2.4517, 6.9923



74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469



# Previews

## White Background



This preview shows how the YUV color 233.9450, 6.9291, 17.5882 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

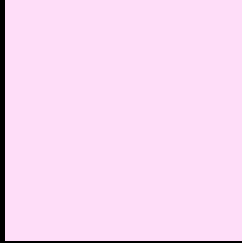
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.9450, 6.9291, 17.5882 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

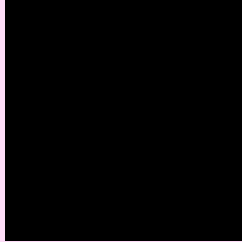
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 233.9450, 6.9291, 17.5882

## Background



This preview shows how black text looks on a background with the YUV color 233.9450, 6.9291, 17.5882.



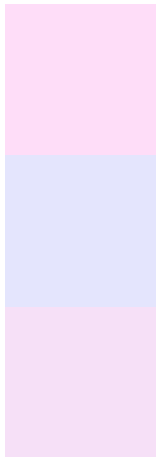
This preview shows how white text looks on a background with the YUV color 233.9450, 6.9291,

17.5882.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

233.9450, 6.9291, 17.5882

### Protanopia

231.4370, 10.6306, -3.0142

### Deuteranopia

233.2000, 6.8034, 11.2256



## Tritanopia

233.3210, 3.2927, 17.2585

# Trichromacy



## Original Color

233.9450, 6.9291, 17.5882

## Protanomaly

232.1390, 9.2985, 4.2631

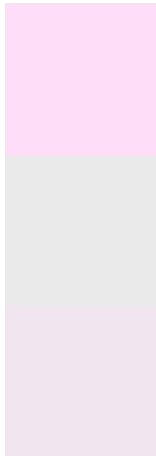
## Deuteranomaly

233.5100, 6.6506, 13.5847

## Tritanomaly

233.6630, 4.6031, 16.9585

# Monochromacy



## Original Color

233.9450, 6.9291, 17.5882

## Achromatopsia

234.0000, 0.0000, 0.0000

## Achromatomaly

233.7280, 2.5991, 6.3775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.9450, 6.9291, 17.5882 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 248) }
```

## Border

The CSS property to change the border of an element to YUV 233.9450, 6.9291, 17.5882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 221, 248) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 221, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 233.9450, 6.9291, 17.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
221, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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